ConnectPort® LTS 8/16/32

Next Generation Serial Servers

Next generation serial servers support GB Ethernet and IPv6 networks. Optional ZigBee and USB bring wireless capabilities into multi-port serial server environments.

Overview

ConnectPort LTS serial servers deliver secure, reliable, flexible and cost-effective RS-232/422/485 serial-to-Ethernet connectivity. Target serial-to-IP applications include data center console port management, security, property management, point-of-sale, data acquisition, industrial automation, power utilities, logistics and others.

ConnectPort LTS is an intelligent device that handles wireline and wireless connections simultaneously. Features include Dual GB Ethernet for extreme reliability, an SD memory slot for data storage, and a large LCD screen for easy configuration, monitoring and diagnostics. The ConnectPort LTS W model provides USB 2.0 ports for expandability, internal secure modem, and an XBee® interface for ZigBee communication.

Highly advanced software features include an IPv4/IPv6 dual stack, user port sharing, port logging, SSHv2 and SSL. Python support and a Software Development Kit (SDK) make this versatile Linux-based appliance a good platform for programming.

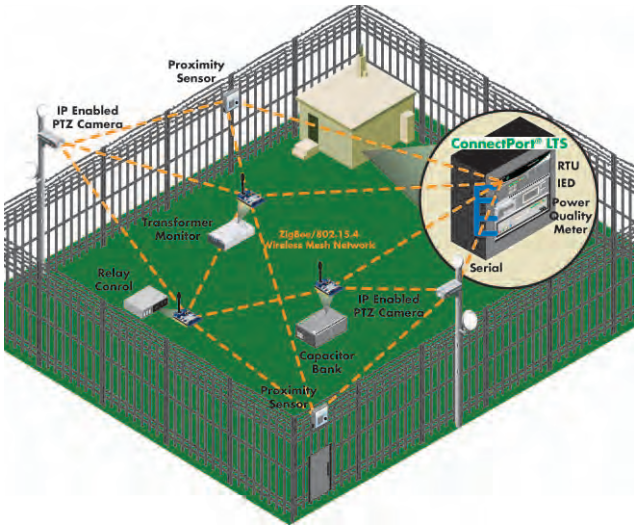
Target Applications

Data Center Management

Retail/POS

Industrial Automation

Application Highlight



Features/Benefits

- **Dual GB Ethernet ports for routing**
- **Software selectable RS-232/422/485 (MEI models only) for industrial applications**
- **LCD display for status monitoring, diagnostics and configuration**
- **SD memory slot for data storage, supporting SD and HCSD**
- **W models offer USB2.0 ports for expandability, internal modem and XBee socket for ZigBee communications**

Specifications	ConnectPort® LTS 8/8W	ConnectPort® LTS 16/16W	ConnectPort® LTS 32/32W
Features			
Processor	Freescale MPC8314, 400 MHz		
Throughput	Up to 230 Kbps		
Memory	128 MB SDRAM / 34 MB Flash	256 MB SDRAM / 34 MB Flash	
Management	HTTP/HTTPS, CLI or telnet, SNMP read and write		
Operating Systems	AIX, HP-UX, Linux®, SCO® Open Server™, SCO® UnixWare, Solaris™ (Intel), Solaris™ SPARC, Windows® XP, Windows Server® 2003, Windows® 2000/98/ME/NT, NCR Unix, MIP-RAS		
Software	RealPort®, Python, Port sharing, Port logging (online and offline), Line printer Daemon		
Protocols	TCP/UDP, DHCP, telnet, Reverse telnet/SSHv2/SSL, IPv4/IPv6		
Security	Encrypted RealPort, SSHv2, SSL		
LEDs	Serial ports: Tx/Rx per port; Ethernet: Link/Activity, Power, Ready, Diagnostic; Optional modem: DTR/DCD		
Dimensions (Length x Width x Height)	189 mm x 271 mm x 44 mm (7.4 in x 10.7 in x 1.7 in)	222 mm x 443 mm x 44.5 mm (8.7 in x 17.4 in x 1.8 in)	
Weight	1550 g (3.4 lb)	2600 g (5.7 lb)	
Interfaces			
Serial Ports	8 RS-232 or RS-232/422/485 software-selectable (MEI models)	16 RS-232 or RS-232/422/485 software-selectable (MEI models)	32 RS-232 or RS-232/422/485 software-selectable (MEI models)
Serial Connector	Digi 10-pin		
Ethernet Physical Layer	Dual 10/100/1000 Mbps auto sensing; Full of half duplex		
USB Ports	2 USB 2.0 connectors; 500 mA max each port (W models only)		
Console Ports	10-pin RJ-45 serial port for configuration		
RPSMA Connector	1 for ZigBee wireless (W models only)		
RJ-11 Connector	1 for internal modem (W models only)		
Power Requirements			
Power Input	9-30VDC	100-240VAC, 50-60Hz, 0.8A	100-240VAC, 50-60Hz, 0.8A
Power Supply	2A@12VDC	N/A	N/A
Power Consumption	18W max	30W max	
Environmental			
Operating Temperature	0° C to +55° C (32° F to +130° F)		
Storage Temperature	-20° C to +66° C (-4° F to +151° F)		
Relative Humidity	5%-95% (non-condensing)		
Serial Port Protection(ESD)	±15 kV		
Ethernet Isolation	1500VAC (rms)		
Regulatory Approvals			
Safety	UL 60950-1, EN 60950-1		
Emissions/Immunity	FCC Part 15, Subpart B, Class A, EN 55022 Class A, EN 55024		

Visit www.digi.com for part numbers.

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Digi International
877-912-3444
952-912-3444
info@digi.com

Digi International France
+33-1-55-61-98-98
www.digi.fr

Digi International KK
+81-3-5428-0261
www.digi-intl.co.jp

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